



Crops & Weather

National Agricultural Statistics Service

Iowa Field Office

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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

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For the week ending August 18, 2013

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Drier and cooler than average weather persisted across most of Iowa during the week ending August 18, 2013, according to the USDA, National Agricultural Statistics Service. Although varying amounts of moisture were received in central and western portions of the State, the lack of significant precipitation was a growing concern for Iowa farmers. Statewide there was an average of 6.4 days suitable for fieldwork. Southwest Iowa received the most rainfall during the week, and had the least days suitable for fieldwork with 5.8.

A total of 35 percent of topsoil and 41 percent of subsoil was in the adequate and surplus moisture categories, both declining 6 percentage points from last week. Topsoil moisture levels rated 25 percent very short, 40 percent short, 34 percent adequate and 1 percent surplus. Subsoil moisture levels rated 19 percent very short, 40 percent short, 40 percent adequate and 1 percent surplus.

With nearly all the corn crop tasseled, 93 percent was silking, behind the five-year average of 99 percent. Sixty-two percent of the corn crop reached the milk stage, trailing the normal 87 percent. Twenty-four percent of the crop has reached the dough stage, well behind the normal 60 percent. Some of the very earliest planted corn crop has reached the dent stage. Corn condition declined slightly from the previous week, and was rated at 5 percent very poor, 13 percent poor, 34 percent fair, 40 percent good and 8 percent excellent. With 95 percent of the soybean crop blooming, pods were being set on 71 percent of the soybean crop, well behind last year's 94 percent and the normal 89 percent. Soybean condition declined slightly from last week and was rated 5 percent very poor, 12 percent poor, 36 percent fair, 38 percent good and 9 percent excellent. Oat harvest was wrapping up across the state.

The third cutting of alfalfa has reached 36 percent compete, 9 days behind the normal pace. Both hay and pasture conditions continued to

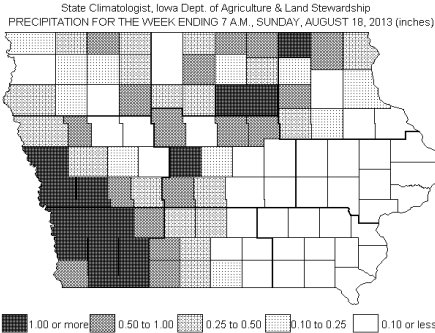
deteriorate, and the amount rated in the good and excellent categories fell 4 and 3 percentage points, respectively. Hay condition was rated at 5 percent very poor, 13 percent poor, 36 percent fair, 40 percent good and 6 percent excellent. Pasture condition rated 10 percent very poor, 22 percent poor, 40 percent fair, 25 percent good and 3 percent excellent.

IOWA PRELIMINARY WEATHER SUMMARY

Provided by Harry Hillaker, State Climatologist

Iowa Department of Agriculture & Land Stewardship

Unseasonably cool weather prevailed for another week while most of the state is still waiting for a substantial rain. Temperatures averaged below normal every day this week, as they have for all but one day in the past four weeks. Temperatures approached normal on Sunday (11th) and Monday (12th) with highs mostly in the 80's but were well below normal from Tuesday (13th) through Thursday (15th) when daytime highs were mostly in the 70's. Temperature extremes for the week ranged from Sunday (11th) afternoon highs of 88 degrees at Bloomfield, Centerville, Des Moines, Donnellson and Osceola, as well as at Red Oak on Monday to Wednesday morning lows of 42 degrees at Elkader and Belle Plaine. Temperatures for the week as a whole averaged 5.9 degrees below normal. Thunderstorms brought very welcome rain to parts of north central and central Iowa on Sunday (11th) night with a maximum reported amount of 2.27 inches at Boone. Rain was also widespread across the southwest one-third of the state on Wednesday night with Underwood (Pottawattamie Co.) reporting the most with 3.85 inches. However, parts of the state, particularly the far southeast, received no rain for the week. The statewide average precipitation was 0.44 inches while normal for the week is 0.98 inches. This was the sixth week of the past seven to bring less than normal rainfall.



Crop Conditions as of August 18, 2013

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn	5	13	34	40	8
Soybeans	5	12	36	38	9
Hay, all	5	13	36	40	6
Pasture & Range	10	22	40	25	3

Field Work and Crop Progress as of August 18, 2013

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn tasseled	100	98	97	100	98	99	99	98	97	99	94	100	100
Corn silked	93	89	93	97	93	96	96	91	90	93	85	100	99
Corn in or past milk stage	52	59	53	71	63	69	73	68	64	62	42	97	87
Corn in or past dough stage	19	12	19	34	24	33	22	36	32	24	9	89	60
Soybeans bloomed	99	94	95	98	95	94	94	89	93	95	90	100	98
Soybeans setting pods	73	66	72	79	64	75	72	67	67	71	53	94	89
Oats harvested for grain	99	94	97	100	98	100	99	100	99	98	92	100	97
Hay, alfalfa - 2nd cutting	100	97	98	100	99	100	99	92	99	98	93	100	95
Hay, alfalfa - 3rd cutting	40	34	41	34	31	40	28	26	51	36	17	92	51

Days Suitable & Soil Moisture Condition as of August 18, 2013

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)
Days suitable	6.7	6.1	6.6	6.1	6.6	6.8	5.8	6.5	6.9	6.4	6.2	6.2
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short	9	5	8	39	41	17	43	47	33	25	24	60
Short	40	26	36	42	42	47	46	36	45	40	35	31
Adequate	50	66	55	19	17	36	11	17	21	34	40	9
Surplus	1	3	1	0	0	0	0	0	1	1	1	0
Subsoil moisture												
Very short	12	6	3	31	21	12	36	36	22	19	14	70
Short	39	25	33	49	48	41	43	39	44	40	39	26
Adequate	49	66	61	20	29	47	21	25	34	40	46	4
Surplus	0	3	3	0	2	0	0	0	0	1	1	0

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.
For the week ending: 7:00 am Sunday, August 18, 2013, Prepared by AWIS, Inc.

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
	North West District									
Estherville	78	47	62	-8	0.42	-0.42	14.76	-1.01	1,834	-57
Sioux Center	78	49	65	-8	0.08	-0.68	22.76	7.05	2,058	-207
Spencer	82	46	64	-8	0.27	-0.64	18.42	1.82	1,945	-82
Spirit Lake	79	52	65	-5	0.00	-0.84	12.90	-2.78	1,921	-73
North Central District										
Britt	78	48	65	-7	0.22	-0.55	23.26	5.81	1,824	-118
Dakota City	81	43	64	-7	0.34	-0.50	22.40	4.49	1,962	-141
Mason City	80	46	63	-9	0.10	-0.81	26.10	7.91	1,861	-122
Osage	79	50	64	-7	0.88	-0.13	32.96	14.56	1,783	-114
North East District										
Decorah	81	47	65	-7	0.79	-0.12	33.77	15.96	1,932	-89
Dubuque	80	47	65	-6	0.00	-1.05	23.21	4.47	1,905	-75
Elkader	80	42	63	-9	0.00	-0.98	29.95	12.19	1,670	-277
Fayette	82	46	64	-7	0.03	-0.95	28.47	9.79	1,823	14
Waterloo	81	47	66	-6	0.37	-0.43	28.51	9.64	2,046	-80
West Central District										
Carroll	84	49	66	-6	0.20	-0.64	18.58	-0.56	2,012	-149
Castana	82	52	66	-8	0.61	-0.19	19.43	2.78	1,965	-389
Guthrie Center	86	47	65	-8	0.56	-0.42	25.01	6.63	2,023	-186
Harlan	86	53	66	-7	1.20	0.43	23.62	6.07	2,007	-121
Jefferson	84	49	65	-7	0.02	-0.82	21.71	2.57	1,967	-209
Logan	86	51	67	-7	3.27	2.50	18.36	1.05	2,101	-205
Rockwell City	84	52	67	-6	0.00	-0.84	21.88	3.88	1,957	-163
Sac City	83	49	65	-7	0.05	-0.79	18.18	0.61	1,855	-162
Sioux City	84	51	67	-7	0.27	-0.36	15.23	0.55	2,113	-134
Central District										
Boone	84	51	66	-6	2.27	1.36	23.22	4.06	1,977	-172
Des Moines	88	57	71	-5	0.73	-0.25	19.08	1.40	2,488	99
Grundy Center	80	48	65	-6	0.59	-0.25	28.35	9.77	1,933	-79
Marshalltown	82	45	66	-6	0.02	-1.03	28.92	9.95	2,077	-55
Newton	86	50	67	-6	0.10	-0.74	22.33	4.36	2,065	-283
Perry	86	50	66	-6	1.11	0.20	22.97	4.79	2,062	-80
Toledo	83	44	64	-8	0.05	-1.00	27.43	8.13	1,876	-139
East Central District										
Cedar Rapids	82	46	66	-6	0.00	-0.91	25.06	7.21	2,098	-123
Davenport	82	47	66	-8	0.00	-0.98	22.50	4.83	2,193	-248
Iowa City	84	50	68	-6	0.00	-0.98	23.33	3.56	2,266	-272
Lowden	82	45	64	-8	0.00	-1.05	31.24	11.49	2,030	-51
Maquoketa	82	46	65	-7	0.00	-0.98	19.25	1.55	1,893	-157
Muscatine	83	50	67	-8	0.00	-0.87	23.35	4.83	2,193	-244
South West District										
Atlantic	86	46	65	-7	1.10	0.33	18.08	1.27	1,993	-242
Clarinda	85	51	67	-6	1.09	0.11	19.33	-0.81	2,142	-93
Glenwood	87	52	68	-6	1.36	0.51	19.03	0.64	2,129	-301
Red Oak	88	53	68	-7	0.99	0.04	20.56	0.70	2,224	-106
Sidney	86	56	68	-7	1.00	0.03	17.98	-0.92	2,251	-206
South Central District										
Allerton	86	53	67	-7	0.16	-0.75	24.83	6.11	2,048	-202
Beaconsfield	85	54	67	-7	0.46	-0.43	21.50	3.26	2,019	-191
Chariton	82	45	64	-9	0.05	-0.82	24.74	5.66	1,961	-186
Indianola	85	49	66	-7	0.79	-0.05	21.62	3.23	2,110	-20
Lamoni	86	52	68	-7	0.28	-0.77	20.41	1.40	2,280	-57
South East District										
Bloomfield	88	50	68	-6	0.00	-0.99	22.62	3.67	2,297	-32
Burlington	84	48	67	-7	0.00	-0.84	20.79	3.00	2,376	-110
Ottumwa	84	47	66	-8	0.00	-0.84	23.19	5.48	2,219	-271
Washington	85	47	67	-8	0.00	-0.81	21.48	4.08	2,152	-226

⁰ Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2013: AWIS, Inc. All Rights Reserved.